

23 APR 1962

72-2387

**MEMORANDUM FOR:** The United States Intelligence Board

**SUBJECT:** Reconvening of the Hyland Panel on the  
Status of the Soviet ICBM Program

1. It is proposed that the Hyland Panel be reconvened to meet on 4 and 5 June 1962. Many developments have occurred in the nature and extent of evidence available, analysis techniques employed and conclusions reached in the intelligence community on the Soviet ICBM program since the members of the Panel last met in September 1961. It would be appropriate and useful to have the Panel review its findings of last September in the light of these developments and to report its impressions to USIB on 6 June 1962. The proposed purposes and scope of the Panel's activities are outlined in Attachment 1.

2. In order to capitalize on past experience, it is recommended that the composition of the Panel be the same as before. The membership of the September 1961 Panel is listed in Attachment 2.

**SUBJECT: Recommending of the Hyland Panel on the Status of the Soviet ICBM Program**

**3. It is recommended that USIB:**

- a. Approve the recommending of the Hyland Panel on 4 and 5 June 1962 for the general purposes outlined in Attachment 1;
- b. Approve the composition of the Panel, or propose specific replacements or additions by name, position and qualifications; and
- c. Assign CMACIC the responsibility for managing the meetings of the Panel, arranging for briefings and providing house-keeping and secretarial support.

**SIGNED**

MARSHALL S. CARTER  
Lieutenant General, USA  
Deputy Director

**Attachments:**

1. Proposed purposes and scope of Hyland Panel Activities
2. USIB Ad Hoc panel on status of Soviet ICBM program

**CONCURRENCES:**

25X1  
*17 Apr 62*  
for Assistant Director/SI

Date

Acting Deputy Director/Intelligence

Attachment I

**PROPOSED PURPOSES AND SCOPE OF HYLAND PANEL ACTIVITIES**

**Purposes.** To present to the USIB:

1. The Panel's views of intelligence on the Soviet ICBM program with respect to the adequacy of evidence, quality of analysis and suggestions for improvement in the evidential base and analytical techniques; and
2. The Panel's views, in the light of available intelligence and analysis, as to the present status of the Soviet ICBM program including its judgment as to present Soviet "state-of-the-art" in ICBM technology and possible future direction of the program.

**Related Problems.**

Where possible, the Panel should also comment on certain specific problems of present concern to the intelligence community with respect to Soviet ICBM technology.

1. Guidance systems and accuracies
2. System reaction, hold, reload and refire capabilities
3. Characteristics of future systems, including penetration aids, anti-BMEWS techniques and orbital and suborbital bombardment systems
4. Category C vehicle: purpose, size, payload capabilities and IOC date
5. Deployment characteristics: hardening, mobility, dispersal, camouflage, concealment, dummy and alternative sites

**Background Information.**

The following series of briefings will serve as background for the Panel's deliberations:

1. Review of evidence and its evaluation

- a. Activities and facilities at ballistic missile test ranges (including Pacific areas).

- b. Telemetry from long-range missile firings.
  - c. Covert reports pertinent to status and characteristics of long-range missile systems.
  - d. Evidence on deployment of MRBMs and ICBMs.
  - e. Extent of information coverage.
  - f. Review of recent Soviet nuclear tests.
  - g. Other Soviet military programs.
2. Present status of Soviet ICBM programs; including views of individual agencies and components.

Attachment 2

**USIB AD HOC PANEL ON STATUS OF  
SOVIET ICBM PROGRAM**

Chairman

**Dr. Lawrence A. Myland, Executive Vice President and General Manager of Hughes Aircraft Company, Culver City, California**

Members

**Dr. Hendrik W. Bode, Vice President, Bell Telephone Laboratories, Whippny, New Jersey**

**Lieutenant General Howell W. Estes, Deputy Commander for Aerospace Systems Command, Andrews Air Force Base, Maryland**

**Dr. George B. Kistiakowsky, Professor of Chemistry, Harvard University, Cambridge, Massachusetts**

**Dr. William J. Perry, Director, Electronics Defense Laboratory, Mountain View, California**

**Dr. Arthur E. Raymond, Vice President and Director of Research, Rand Corporation, Santa Monica, California**

**Rear Admiral Levering Smith, Director, Technical Division, Special Projects Office, Bureau of Naval Weapons**